Franklin®

BOOKMAN®

ELECTRONIC BOOK CARD

Lippincott's Pocket Manual of Nursing Practice

USER'S GUIDE

NLM-2079

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Preface

Lippincott's Pocket Manual of Nursing Practice has been prepared as a companion handbook to *The Lippincott Manual of Nursing Practice*, 6/E. It is designed for use by practicing and student nurses in the clinical area. *Lippincott's Pocket Manual of Nursing Practice* is compact enough to review quickly while providing patient care, and thorough enough to consult with confidence even as complex situations arise. Like its parent book, *The Lippincott Manual of Nursing Practice*, the *Pocket Manual* contains comprehensive assessment, treatment, and nursing intervention information on the most common medical-surgical, pediatric, psychiatric, and maternity conditions. The *Pocket Manual* is the only comprehensive handbook covering all major areas of nursing practice.

Medical-surgical, pediatric, and psychiatric conditions are presented in alphabetical order with extensive cross-referencing. Where warranted, adult medical-surgical and pediatric care topics are integrated, with clearly highlighted differences between adult and pediatric presentations, treatments, and nursing interventions for those conditions. Common surgical procedures are covered as distinct entries with their own format, focusing on potential complications, preoperative care, postoperative care and patient education. Because maternity conditions do not fit into the alphabetical organization of diseases and disorders, they are grouped together following the alphabetical entries. The Maternity Nursing sections focuses on prenatal physiology of the mother and fetus, labor and delivery, and postpartum physiology of the

mother and neonate, as well as obstetric and nursing care for both. Complications of childbearing are listed alphabetically within the Maternity sections and follow the same consistent format.

Nursing Alerts, Gerontologic Alters, Pediatric Alerts, and **Community Care Considerations** appear within entries to quickly highlight important patient care information across the lifespan. Subheads in the condition entries include Assessment, Diagnostic Evaluation, Collaborative Management, and Nursing Interventions. Colaborative Management is categorized by Therapeutic Interventions, Pharmacologic Interventions, and Surgical Interventions. Nursing Interventions are categorized by Monitoring, Supportive Care, and Patient (or Family) Education and Health Maintenance. Through these subheads, *Lippincott's Pocket Manual of Nursing Practices* maintains a broad focus of information for nursing care in the acute care setting, the outpatient center, the home, or the long-term care facility.

Lippincott's Pocket Manual of Nursing Practice is designed to accompany the nurse wherever patient care is provided. Its parent book, *The Lippincott Manual of Nursing Practices*, 6/E remains the comprehensive reference at the nurses' station, or in the trunk of your car if you are a home care nurse. Together these companion books will increase your wealth of knowledge and your love of nursing.

Sandra M. Nettina, RN, C, MSN, ANP

Key Guide

Color Keys

MORE **(red)** Expands a word search.

SPEC **(green)** Shows the location of the text that you're reading.

SEARCH **(yellow)** Goes to the Word Search screen.

LIST **(blue)** Lets you add, find, or remove a bookmark.

Function Keys

BACK Erases typed letters or backs up to the previous screen.

CAP Shifts keys to type capitals or punctuation.

CARD Exits the book you're reading.

➤ Understanding the Color Keys

The color keys (red, green, yellow, and blue) perform the functions listed in this Key Guide only for this book card.

Other books have their own color key functions, which are labelled on their cards or on the BOOKMAN keyboard. For more information, read "Using the Color Keys."

CLEAR Clears all searches and highlights the Contents menu.

ENTER Selects a menu item, starts a word search, or starts the highlight in text.

HELP Displays help messages.

MENU Highlights the Contents menu.

ON/OFF Turns your BOOKMAN on or off.

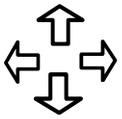
SPACE At the Word Search screen, types a space.

? * At a menu, shows the full title of the highlighted item. At the text, shows its location (same as SPEC).

Direction Keys

UP DN Pages up or down.

SPACE Pages down or types a space at the Word Search screen.

 Moves the cursor, highlight, or text.

Key Combinations*

☆+BACK Returns to the Contents or Index menu from a submenu.

☆+CARD Transfers a word between books.

**Hold the first key while pressing the other key.*

☆+ENTER From a highlighted item on the Contents menu, goes directly to the text. At the text, highlights a cross-reference or bookmark.

☆ + DN or UP Within an entry, goes to the next or previous paragraph. After a word search, goes to the next or previous match.

☆+Q-P Types numbers.

☆ + ⇩ At the Word Search screen, types a hyphen.

CAP+⇩ or ⇧ At a menu, goes to the last or first item. At an entry, displays the next or previous section.

CAP + ?* At the Word Search screen, types an asterisk to stand for a series of characters or spaces in the search word(s).

Quick Keys

When you are reading an entry, the Quick Keys display these sections:

A Assessment

D Diagnostic Evaluation

M Collaborative Management

N Nursing Interventions

Your new BOOKMAN book card is a powerful, portable electronic reference that you can use anywhere. Simply install it into your BOOKMAN and you're ready to go.

Using this book, you can find any of the text that appears in the printed version of the *Lippincott's Pocket Manual of Nursing Practice*. You can find commonly encountered diseases and disorders simply by typing their names. Plus, you can search through a detailed section on maternity nursing.

You can also place your own bookmarks in the text to quickly find the entries and sections that you use most often, as well as look up the meanings of abbreviations, and transfer words to look them up in other relevant BOOKMAN books.

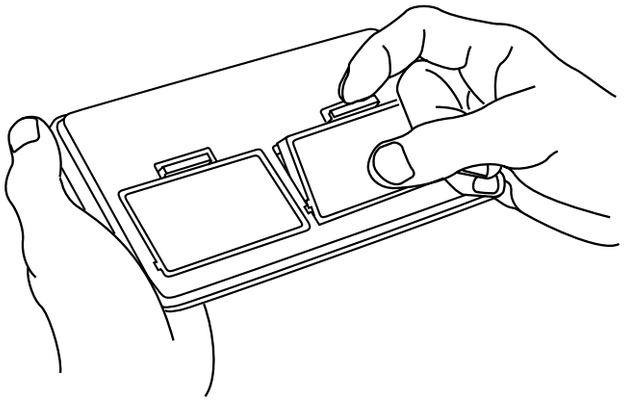
➤ Using the Instruction Label

This User's Guide is accompanied by a self-adhesive instruction label that can affixed to the inside top cover of your BOOKMAN for quick reference.

Installing a Book Card

Warning! Never install or remove a book card when your BOOKMAN is turned on. If you do, information that you entered in its built-in book and in any installed book cards will be erased.

1. **Turn your BOOKMAN off.**
2. **Turn your BOOKMAN over.**
3. **Align the book card tabs with the notches in a card slot.**



4. **Press the book card until it snaps into place.**

➤ Removing a Book Card

Caution: When you remove a book card that does not have a built-in battery of its own, information that you entered in that book card may be erased.

Selecting a Book

If one or more book cards are installed in your BOOKMAN, you can select which book you want to use.

1. **Turn your BOOKMAN on.**
2. **Press CARD.**

3. **Press ⇦ or ⇨ to select the book you want to use.**

4. **Press ENTER to use it.**

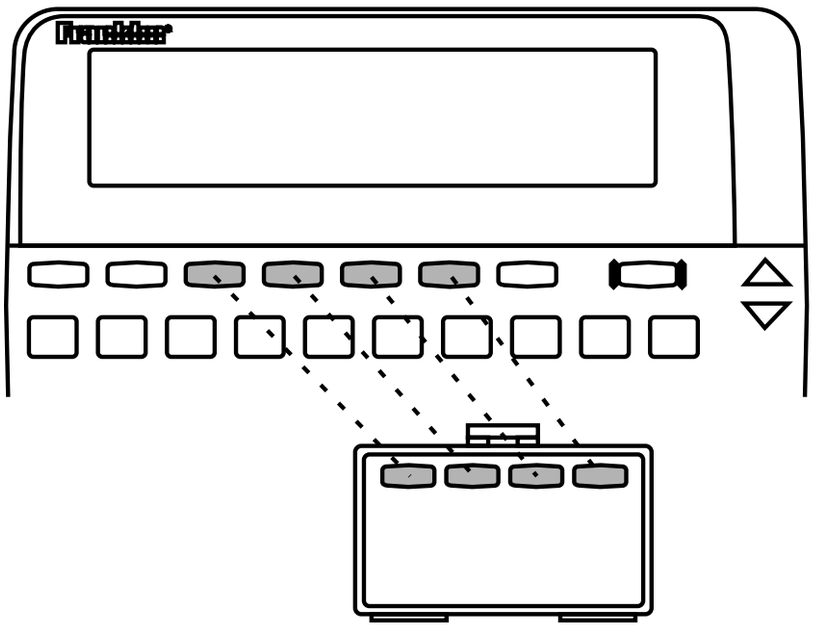
➤ Resuming Where You Left Off

When using this book card, you can turn off your BOOKMAN at any time. When you turn on your BOOKMAN again, the screen that you last viewed normally appears.

Using the Color Keys

The red, green, yellow, and blue keys on your BOOKMAN change their functions according to which book you are using.

When you are using its built-in book, the color keys function as labelled on the BOOKMAN keyboard. When you are using an installed book card, the color keys function as labelled on that book card.



Remember, the color keys for book cards function as labelled on their cards, not necessarily as labelled on the BOOKMAN keyboard.

Viewing a Demonstration

Before you use this book, you may want to see a brief demonstration of what it can do. First, be certain that the book card is installed and selected. Then follow these steps.

1. **Press CLEAR.**
2. **Use the arrow keys to highlight the Setup menu.**
3. **Use ⇩ to highlight *View Demo.***
4. **Press ENTER.**
5. **To stop the demo, press CLEAR.**

➤ Help is Always at Hand

You can view a help message at virtually any screen by pressing HELP. To exit help, press BACK.

To read a tutorial about this book, highlight *Tutorial* on the Setup menu and then press ENTER.

➤ Follow the Arrows

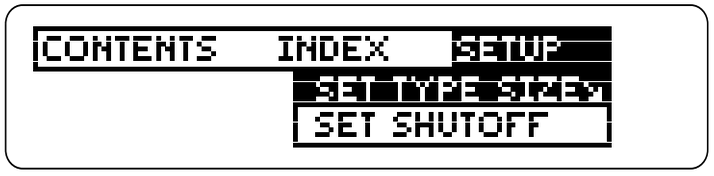
The flashing arrows at the right of the screen show which arrow keys you can press to scroll through menus or view more text.

Changing the Settings

Using the Setup menu, you can adjust the type size, shutoff time, and screen contrast.

The shutoff time determines how long your BOOKMAN stays on if you forget to turn it off.

1. **Press MENU.**
2. **Use the arrow keys to highlight *Set Type Size, Set Shutoff*, or *Set Contrast* on the Setup menu.**
3. **Press ENTER.**



4. **Use ⇧ or ⇩ to select a new setting.**

   Or press BACK to leave the setting unchanged.

5. **Press ENTER to save the setting.**

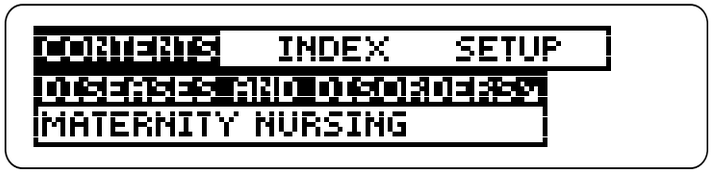
Using the Contents Menu

The Contents menu is divided in two sections: *Diseases and Disorders* and *Maternity Nursing*.

- *Diseases and Disorders* provides information about approximately 230 of the most commonly encountered diseases and disorders in the principal areas of nursing practice.
- *Maternity Nursing* provides detailed information about the nursing practices for the many stages of pregnancy.

In the following example we will select Glaucoma from the *Diseases and Disorders* section.

1. **Press CLEAR.**



2. **Press ENTER to select *Diseases and Disorders*.**
3. **Type a name of a disease or disorder. For example, type *Glaucoma*.**

You do not need to type capitals.

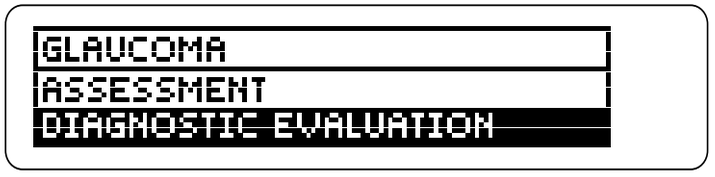
To undo a typed letter, press BACK.

To go directly to the entry for Glaucoma, hold ☆ and press ENTER.

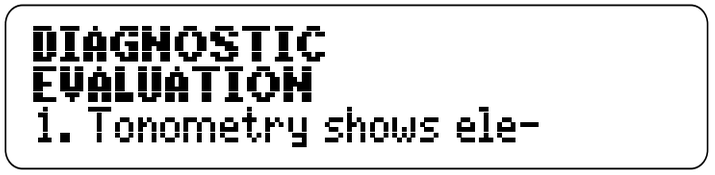
To go to the top or bottom of the Contents menu, hold CAP and press ⇩ or ⇧.

4. When the disease or disorder is highlighted, press ENTER.

5. Highlight a section by pressing ⇩ or ⇧ to scroll to its title or by typing its first few letters. For example, highlight *Diagnostic Evaluation*.



6. Press ENTER.



To learn how to move around in an entry, see "Reading Entries."

7. Press CLEAR when finished.

Using the Contents Menu

➤ Searching Maternity Nursing

The *Maternity Nursing* section is divided into two topics: *The Usual Childbearing Experience* and *Complications of the Childbearing Experience*. Use ⇩ or ⇧ to highlight the desired sub-topics and press ENTER to select them. Repeat this, until you reach the desired entry.

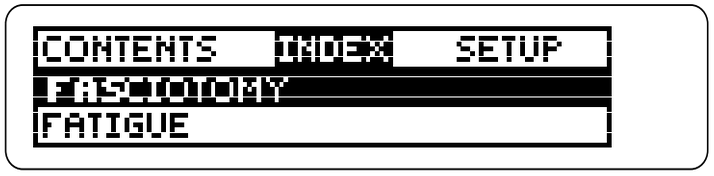
Maternity Nursing entries are accessible through the Index, and can be viewed as you would a disease or disorder entry.

Note: The Quick Keys do not work in Maternity Nursing entries.

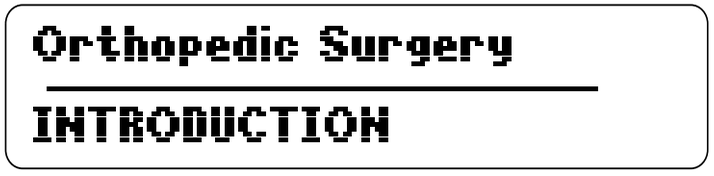
Using the Index Menu

The Index menu has the same entries that are in the Index of the printed version of *Lippincott's Pocket Manual of Nursing Practice*. This is designed to help you easily find the information you need.

1. **Press CLEAR.**
2. **Press ⇨ to highlight the Index menu.**
3. **Begin typing a word or using a direction keys to highlight the desired word. For example, *Fasciotomy*.**



4. **Press ENTER.**
5. **If needed, highlight desired sub-items and press ENTER until the desired text is displayed.**



To learn how to move around in an entry, see "Reading Entries."

6. **Press CLEAR when finished.**

➤ Viewing Your Location

Whenever you are reading an entry, you can see its location in the Contents by pressing SPEC or ?*.

Use ⇩ or ⇧ to highlight items listed on the Outline location.

To view the full title of a highlighted Outline Location item, press ?*. To return to the entry you were viewing, press BACK. Or press ENTER to go to the text of a highlighted item.

Reading Entries

Once you have found an entry, there are many ways to read it.

1. Find an entry.

To learn how, read "Using the Contents Menu," "Using the Index Menu," or "Searching for Words."

2. Press one of the following Direction keys:

To...	Press...
scroll line by line	⇩ or ⇧
scroll page by page	DN or UP
scroll down page by page	SPACE
go to the next or previous section	CAP + ⇩ or ⇧
go to the next or or previous paragraph	☆ + DN or UP

3. Use the Quick Keys to go to a desired section in an entry. (Note: The Quick Keys work only in *Diseases and Disorders*.)

To go to this section...	Press...
Assessment	A
Diagnostic Evaluation	D
Collaborative Management	M
Nursing Interventions	N

➤ Looking up Abbreviations

Here is a quick way to find the meaning of abbreviations (except single letters) when you are reading an entry.

First, press ENTER to start the highlight, and then use the arrow keys to highlight the abbreviation.

Next, press ENTER to see its meaning.

To return to the text and turn off the highlight, press BACK twice.

Note: The meanings of all the abbreviations appear in the Appendix of this User's Guide.

➤ Understanding the Tables

The tables in this book are presented as bulleted text, not as tabular rows and columns, at the end of the appropriate entry.

Searching for Words

You can easily search for words and phrases in this book. The Word Search screen allows you to type up to six words at a time, but you cannot search for short, common words, such as *the* and *is*.

1. Press SEARCH (yellow).

The Word Search screen appears.

2. Type your search word(s). For example type *nose bleed*.

You do not need to type capitals.

To type a space, press SPACE.

To type a hyphen, hold ☆ and press ⇩.

To erase a letter, press BACK.

To move the cursor, press ⇦ or ⇨.

3. Press ENTER to search.

This is the location of the first occurrence or match of your search word(s).

4. To edit your search, press BACK.

5. Press ENTER to read the text entry for the first match.

6. Hold ☆ and use DN or UP to view the next or previous matches.

7. Press ENTER to see a match.

8. Press MENU to view the matching entries, if any, listed on the Index menu.

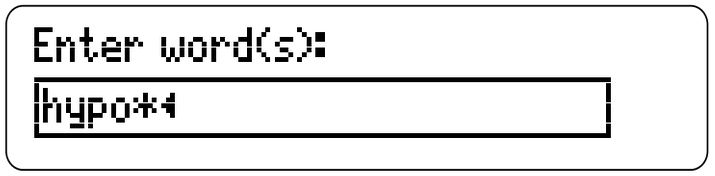
9. To clear your search and return to the Word Search screen, press SEARCH.

➤ If You Misspell a Search Word

If you enter a misspelled word or a word that is not recognized by this book at the Word Search screen, a list of corrections appears. Use ⇩ to highlight a one and then press ENTER to search for it.

➤ Searching for Parts of Words

If you cannot remember the prefix, suffix, or other part of a word, type an asterisk in place of the missing letters. (To type an asterisk, hold CAP and press ?*.) For example, enter *hypo** at the Word Search screen.

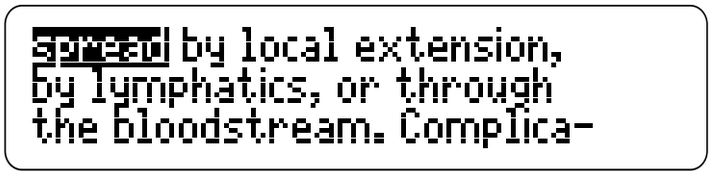


Then highlight a match and press ENTER to search for it.

Highlighting Search Words

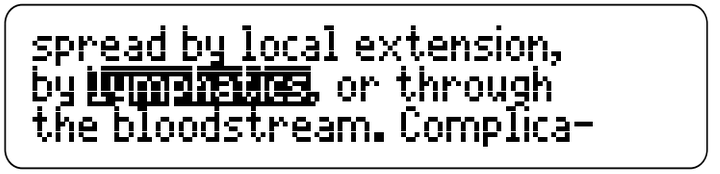
You can also search for a word by highlighting it in an entry.

1. When an entry is on the screen, press ENTER.



Notice the highlight. You can turn off the highlight by pressing BACK.

2. Use the arrow keys to highlight another word.



3. Press ENTER to search for it.

4. Press ENTER again to view the first match.

5. Hold ☆ and press UP or DN to view the next or previous matches.

6. Press MENU to view the matching entries, if any, listed on the Index menu.

7. Press CLEAR when finished.

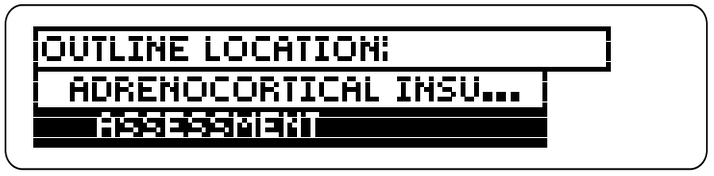
Expanding Your Searches

After you have entered a word search, you can expand your search to find additional matches.

Some word searches can be expanded up to three times. To learn more, read "Understanding Word Searches and Expansions."

1. **Press SEARCH (yellow).**
2. **Type a word and press ENTER. For example, enter *fever*.**

3. **Press MORE (red) to expand the search.**



4. **Hold ☆ and press UP or DN to view the next or previous matches.**
5. **Press MENU to view the matching entries, if any, listed on the Index menu.**
6. **Press CLEAR when finished.**

➤ Understanding Word Searches and Expansions

When you search for a word, either by entering it at the Word Search screen or by highlighting it in text, titles and headings (in bold type) are searched first for exact matches. If no exact matches are found in titles or headings, then the text is searched for exact matches.

If no exact matches are found, then the titles and headings are searched for inexact matches, such as inflections and synonyms. If no inexact matches are found in the titles and headings, then the text is searched.

A word search stops as soon as matches are found at a level described above. Pressing MORE (red) expands the search to the next level and finds additional matches, if any.

The number of matches found at a given search level may be less than at the previous level.

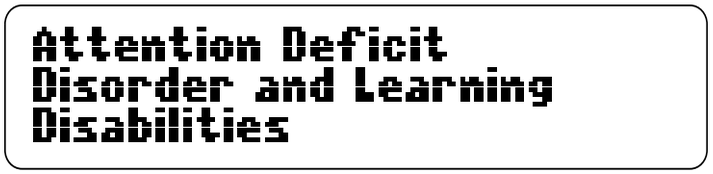
Reading Cross-references

Throughout this book, cross-references (indicated by XREF's) appear. By selecting them, cross-references take you directly to related entries.

1. **When you see a XREF in the text, hold ☆ and press ENTER to highlight it.**

   If more than one XREF appears on the screen, continue holding ☆ and pressing ENTER until the XREF that you want is highlighted.

2. **Press ENTER.**



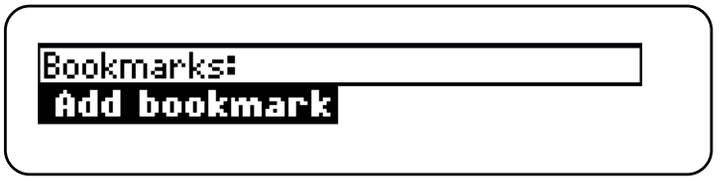
3. **Press BACK to go back to the highlighted icon.**
4. **Press BACK again to turn off the highlight.**

Using Bookmarks

Adding a Bookmark

You can place up to 10 bookmarks in the text of this book.

1. **When an entry is on the screen, press LIST (blue).**



2. **Press ENTER to select *Add bookmark*.**

   Notice that a bookmark icon, BKM, has been added to the text.

Finding a Bookmark

Once you have added bookmarks, you can easily find them.

1. **Press LIST (blue).**
2. **Use ⇩ to highlight a bookmark.**

   Bookmarks are listed by the title of the entry in the order that you added them (i.e., by recency).

3. **Press ENTER to see the bookmarked text.**

Removing a Bookmark

1. Find a BKM in the text.

To learn how, read "Finding a Bookmark."

2. Press LIST (blue).

To see the full title of a bookmark, press ?*.

3. Press ENTER to select *Remove bookmark.*

Or press BACK to exit without removing the bookmark.

➤ Removing All Your Bookmarks

You can remove all your bookmarks at once by resetting your BOOKMAN when this book card is installed. To learn how, read "Resetting Your BOOKMAN" in the User's Guide that came with your BOOKMAN unit.

Warning! Resetting your BOOKMAN may erase other information that you have entered in the built-in book as well as in any other installed book cards.

Transferring Words Between Books

This book can transfer words between certain other BOOKMAN books. Transferring words is useful, for example, if you want to look up words in other nursing books.

To transfer words to and from this book, this book card must be installed in your BOOKMAN. In addition, the other installed book card(s) and/or its built-in book must be able to send or receive words. To learn if a book can send or receive words, read its User's Guide.

1. Highlight a word in this book.

To highlight a word in the text, press ENTER and then press the arrow keys. (Read "Highlighting Search Words.")

2. Hold ☆ and press CARD.

3. Highlight the icon of another book.

4. Press ENTER.

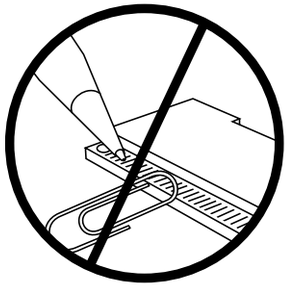
The word that you highlighted appears in the other book.

5. If needed, press ENTER to look up the word in the other book.

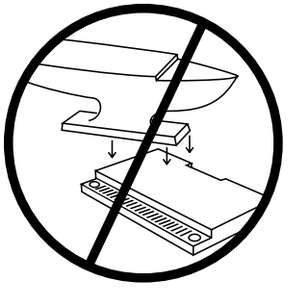
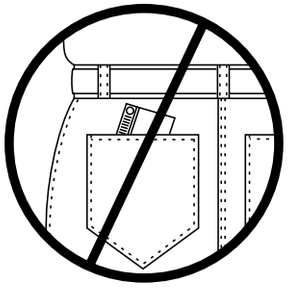
Book Card Care

- **Do not touch the metal contacts on the book cards.**

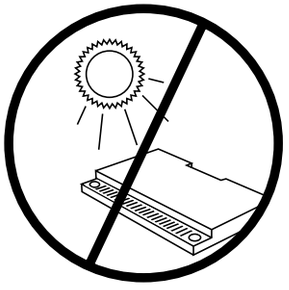
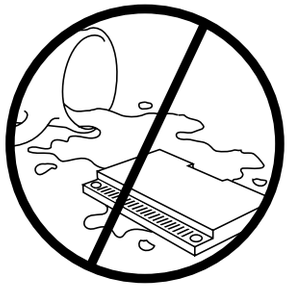
  Caution: Touching these electrical contacts with statically charged objects, including your fingers, could erase information entered in a book card or built-in book.



- **Do not put excessive pressure on the book cards.**

- **Do not expose the book cards to heat, cold, or liquids.**

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Appendix: Key to Abbreviations

μL = microliter
μU = microunit
5–HT = serotonin
ABCs = airway, breathing, and circulation
ABG = arterial blood gas
ABGs = arterial blood gases
ACB = antibody-coated bacteria
ACE = angiotensin-converting enzyme
ACh = acetylcholine
ACL = anterior cruciate ligament
ACS = American Cancer Society
ACTH = adrenocorticotropic hormone
ADD = attention deficit disorder
ADH = antidiuretic hormone
ADLs = activities of daily living
AFP = alpha-fetoprotein
AIDS = acquired immunodeficiency syndrome
ALL = acute lymphocytic leukemia
ALS = amyotrophic lateral sclerosis
ALT = alanine transaminase
AML = acute myelogenous leukemia
ANA = antinuclear antibodies
APR = abdominoperineal resection
ARDS = adult respiratory distress syndrome
ARF = acute renal failure; acute respiratory failure; acute rheumatic fever
AROM = artificial rupture of membranes
ASD = atrial septal defect
ASO = antistreptolysin-O
AST = aspartate transaminase; Acoustic Stimulation Test
AV = atrioventricular block
AVM = arteriovenous malformation
AVMs = arteriovenous malformations
AZT = zidovudine
BACOP = bleomycin, doxorubicin, cyclophosphamide, vincristine, and prednisone (chemotherapy regimen)
BAL = British anti-Lewisite
BCG = Bacillus Calmette-Guérin
BMC = Boehringer-Mannheim Corp.
BMR = basal metabolic rate
BMT = bone marrow transplantation
BP = blood pressure
BPD = bronchopulmonary dysplasia
BPH = benign prostatic hyperplasia
BPP = biophysical profile
BSE = breast self-examination
BSO = bilateral salpingo-oophorectomy
BUN = blood urea nitrogen
C = Celsius
CABG = coronary artery bypass grafting
CAD = coronary artery disease
CaEDTA = edetate calcium disodium
CBC = complete blood count
cc = cubic centimeter
CDC = Centers for Disease Control and Prevention
CEA = carcinoembryonic antigen
CEAs = cultured epithelial autografts
CF = cystic fibrosis
CHD = congenital heart disease
CHF = congestive heart failure
CHOP = cyclophosphamide, doxorubicin, vincristine, and prednisone
CIS = carcinoma in situ
CK = creatinine kinase
CLL = chronic lymphocytic leukemia
cm = centimeter
CML = chronic myelogenous leukemia
CMV = cytomegalovirus
CNS = central nervous system
CO_2 = carbon dioxide
COPD = chronic obstructive pulmonary disease
CP = cerebral palsy

Appendix: Key to Abbreviations

CPAP = continuous positive airway pressure
CPR = cardiopulmonary resuscitation
CREST = calcinosis, Raynaud's phenomenon, esophageal dysmotility, sclerodactyly, telangiectasia
CRF = chronic renal failure
CRP = C-reactive proteins
CSF = cerebrospinal fluid
CT = computed tomography
CUC = chronic ulcerative colitis
CV = chorionic villus
CVA = cerebrovascular accident
CVP = central venous pressure
CVS = chorionic villus sampling
CWP = coal worker's pneumoconiosis
D&C = dilation and curettage
DDAVP = desmopressin acetate
DDC = zalcitabine
DDI = dideoxyinosine
DDT = dichlorodiphenyltrichloroethane
DES = diethylstilbestrol
DEXA = dual-energy x-ray absorptiometry
DI = diabetes inspidus
DIC = disseminated intravascular coagulation
DIP = distal interphalangeal
DJD = degenerative joint disease
DKA = diabetic ketoacidosis
dL = deciliter
DM = diabetes mellitus
DMARDs = disease-modifying antirheumatic drugs
DNA = deoxyribonucleic acid
DSM–IV = Diagnostic and Statistical Manual, 4th edition
DVT = deep vein thrombosis
ECG = electrocardiogram
ECGs = electrocardiograms
ECM = erythema chronicum migrans
ECMO = extracorporeal membrane oxygenation
ECT = electroconvulsive therapy
EDC = estimated date of confinement
EEG = electroencephalogram
EGD = esophago-gastroduodenoscopy
ELISA = enzyme-linked immunosorbent assay
ENG = electronystagmography
EP = erythrocyte protoporphyrin
ERCP = endoscopic retrograde cholangiopancreatography
ESR = erythrocyte sedimentation rate
ESRD = end-stage renal disease
ESWL = extracorporeal shock wave lithotripsy
F = Farenheit
FBS = fasting blood sample
FEV = forced expiratory volume
FEV_1 = forced expiratory volume in 1 second
FHR = fetal heart rate
FHT = fetal heart tone
FHTs = fetal heart tones
FIO_2 = fractional inspired oxygen
FLF = fulminant liver failure
FSH = follicle-stimulating hormone
FVC = forced vital capacity
g = grams
GFR = glomerular filtration rate
GH = growth hormone
GI = gastrointestinal
GTT = glucose tolerance test
GU = genitourinary
H_2 = histamine 2
H_2O = water
HAV = type A hepatitis
HBeHg = Hepatitis B e antigen
HBsAg = hepatitis B surface antigen
HBV = type B hepatitis
hCG = human chorionic gonadotropin

Appendix: Key to Abbreviations

HCM = hypertrophic cardiomyopathy
Hct = hematocrit
HCV = type C hepatitis
HDL = high-density lipoprotein
HDV = type D hepatitis
HELLP = hemolysis, elevated liver enzymes, and low platelets
HEV = type E hepatitis
Hg = mercury
Hgb = hemoglobin
HHNKS = hyperglycemic hyperosmolar nonketotic syndrome
HIDA = radiolabeled iminodiacetic acid
HIV = human immunodeficiency virus
HLA = human leukocyte antigen
hPL = human placental lactogen
HPV = human papilloma virus
hr = hour
HSV = herpes simplex virus
HTLV–1 = human T cell leukemia-lymphoma virus
HVA = homovanillic acid
ICP = intracranial pressure
ICU = intensive care unit
IDDM = insulin-dependent diabetes mellitus
IE = infective endocarditis
Ig = immunoglobulin
IgA = immunoglobulin A
IgE = immunoglobulin E
IGF: insulin-like growth factor. IgF: immunoglobulin F.
IgG = immunoglobulin G
IgM = immunoglobulin M
IHSS = idiopathic hypertrophic subaortic stenosis
IICP = increased intracranial pressure
IM = intramuscular(ly)
INH = isoniazid
INR = international normalized ratio
INRs = international normalized ratios
IOP = intraocular pressure
IPV = inactivated polio vaccine
ITP = immune thrombocytopenic purpura
IUDs = intrauterine devices
IV = intravenous(ly)
IVGG = intravenous immune gamma globulin
IVIG = intravenous immune globulin
IVP = intravenous pyelography
IVs = intravenous lines
JRA = juvenile rheumatoid arthritis
K^+ = potassium ion
Kcal = kilocalories
kg = kilogram
KOH = potassium hydroxide
LAR = low anterior resection
L = liter
lb = pound
lbs = pounds
LD = Learning disabilities
LDH = lactic dehydrogenase
LDL = low-density lipoprotein
LEEP = loop electrosurgical excision procedure
LES = lower esophageal sphincter
LGV = lymphogranuloma venereum
LH = luteinizing hormone
LHRH = luteinizing hormone-releasing hormone
LMP = last menstrual period
m^2 = square meter
MAO = monoamine oxidase
MAST = military antishock trousers
MCHC = mean corpuscular hemoglobin concentration
MCP = metacarpophalangeal
MCV = mean corpuscular volume
MD = muscular dystrophy
mEq = milliequivalent
mg = milligram
$MgSO_4$ = magnesium sulfate

Appendix: Key to Abbreviations

MHPG = 3-methoxy-4-hydroxyphenylglycol
MI = myocardial infarction
min = minute
MIs = myocardial infarctions
mL = milliliter
mm = millimeter
mm³ = cubic millimeter
mOsm = milliosmole
MRI = magnetic resonance imaging
MS = multiple sclerosis
MSH = melanocyte-stimulating hormone
MSUD = maple sugar urine disease
MTC = medullary thyroid carcinoma
MUGA = multigated angiogram
Na^+ = sodium ion
NARSAD = National Alliance for Research on Schizophrenia and Depression
NG: nasogastric. ng: nanogram.
NIDDM = non-insulin-dependent diabetes mellitus
NIF = negative inspiratory force
NPH = neutral protamine Hagedorn (insulin)
NPO = nothing by mouth
NSAID = nonsteroidal antiinflammatory drug
NSAIDs = nonsteroidal antiinflammatory drugs
NST = nonstress test
NTD = neural tube defect
O_2 = oxygen
OA = osteoarthritis
OAF = osteoclast-activating factor
OCT = oxytocin challenge test
ORIF = open reduction and internal fixation
OSHA = Occupational Safety & Health Administration
oz = ounce
PA = pulmonary artery
$PaCO_2$ = arterial carbon dioxide pressure
PaO_2 = arterial oxygen pressure
PAT = paroxysmal atrial tachycardia
PCA = patient-controlled analgesia
PCNL = percutaneous nephrolithotomy
pCO_2 = partial pressure of carbon dioxide
PCP = *Pneumocystis carinii*< pneumonia
PCS = postconcussion syndrome
PCWP = pulmonary capillary-wedge pressure
PDA = patent ductus arteriosus
PEEP = positive end-expiratory pressure
PET = positron emission tomography
PFT = pulmonary function tests
PGE = prostaglandin E
PGE_1 = prostaglandin E_1
PGE_2 = prostaglandin E_2
pH: hydrogen ion concentration (pH < 7 → acid; pH > 7 → alkaline), a measure of alkaline/acidic concentration. Ph: Philadelphia.
PID = pelvic inflammatory disease
PIH = pregnancy-induced hypertension
PIP = proximal interphalangeal
PKU = phenylketonuria
PMI = point of maximal impulse
PMS = premenstrual syndrome
PO = by mouth
PO_2 = partial pressure of oxygen
PPD = purified protein derivative
PR = P–wave to R–wave interval, in ECG measurement
PRN = as needed
PROM = premature rupture of membranes
PSA = prostate-specific antigen
PSGN = poststreptococcal glomerulonephritis
PT = prothrombin time
PTA = percutaneous transluminal angioplasty
PTBD = percutaneous transhepatic biliary drainage
PTC = percutaneous transhepatic cholangiography
PTCA = percutaneous transluminal coronary angioplasty

Appendix: Key to Abbreviations

PTH = parathyroid hormone
PTT = partial thromboplastin time
PUBS = percutaneous umbilical blood sampling
PVC = premature ventricular contractions
Q–T = Q–wave to T–wave interval, in ECG measurement
qt = quart
R–R = R–wave to R–wave interval, in ECG measurement
RA = rheumatoid arthritis
RAST = radioallergosorbent test
RBC = red blood cell
RBCs = red blood cells
RDS = respiratory distress syndrome
RDW = red cell distribution width
REM = rapid eye movement (sleep)
RF = rheumatoid factor
Rh = Rhesus monkey blood factor
RNA = ribonucleic acid
RPF = renal plasma flow
RPLND = retroperitoneal lymph node dissection
RPR = rapid plasma reagin
RSV = respiratory syncytial virus
SA = sinoatrial
SANS = Scale for the Assessment of Negative Symptoms
SaO_2 = saturation of arterial blood with oxygen
SAPS = Scale for the Assessment of Positive Symptoms
SC = subcutaneous(ly)
SIADH = syndrome of inappropriate antidiuretic hormone
SLE = systemic lupus erythematosus
SPECT = single photon emission computed tomography
SPF = sun protection factor
ST = S–wave to T–wave sequence, in ECG monitoring; stress test
STD = sexually transmitted disease
STDs = sexually transmitted diseases
T = tablespoon
T_3 = triiodothyronine
T_4 = thyroxine
TBSA = total body surface area
TcPO =
$TcPO_2$ = transcutaneous partial pressure of oxygen
TEF = tracheoesophageal fistula
TENS = transcutaneous electrical nerve stimulation
TEP = tracheoesophageal puncture
TGA = transposition of the great arteries
TIA = transient ischemic attack
TIAs = transient ischemic attacks
TLC = total lung capacity
TRAM = transverse rectus abdominis myocutaneous
TSH = thyroid-stimulating hormone
tsp = teaspoon
TSS = toxic shock syndrome
TUIP = transurethral incision of the prostate
TURP = transurethral resection of the prostate
URI = upper respiratory infection
UTI = urinary tract infection
UTIs = urinary tract infections
V_E = minute ventilation
VC = vital capacity
VDRL = Venereal Disease Research Lab (blood test)
VF = ventricular fibrillation
VLBW = very low birth weight
VMA = vanillylmandelic acid
VSD = ventricular septal defect
VSDs = ventricular septal defects
VT = ventricular tachycardia
WBC = white blood cell
WBCs = white blood cells

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1. Hold CLEAR and press ON/OFF.

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